

# TRINITY OFFSHORE PTE LTD

4 Loyang Crescent, Singapore 508979

Tel : (65) 65431000 Fax : (65) 65451000 Email : [info@trinityoffshore.com](mailto:info@trinityoffshore.com) Website : [www.trinityoffshore.com](http://www.trinityoffshore.com)  
Co. Reg. No. 199102555 K

## DP2 Geotechnical Survey Vessel MV GEO SOVEREIGN



### Vessel Specification

Year Built	: 2006
Place Built	: Jaya Marine, Batam, Indonesia
Flag	: Kiribati
Classification	: ABS

#### Principal Dimensions

Length Overall	: 70.05 m
Breadth (moulded)	: 14.95 m
Depth (moulded)	: 6.10 m
Draft (moulded)	: 5.00 m
GRT	: 1,951 T

#### Accommodation

4 x 1 berth Cabins	: 4
3 x 2 berth Cabins	: 6
10 x 4 berth Cabins	: 40
<b>Total Berths</b>	<b>: 50 (All fully air-conditioned)</b>
(Number of berths for Charterers' usage as per charter party agreement)	

#### Main Machinery

Main Propulsion	: 2 x 2,750 bhp
Main Generator	: 2 x 370 kW
Emergency Gen	: 1 x 60 kW
Bow Thruster	: 2 x 515 kW tunnel (8T)
Stern Thruster	: 1 x 515 kW tunnel (8T)
Steering Gear	: 2 x 45 degrees
Rudders	: Conventional Split
Propeller	: 2 x CPP with Nozzles

#### Dynamic Positioning System

Kongsberg DPS
2 x DP Controller
2 x Wind Sensor
3 x Master Gyro
1 x HIPAP 500
2 x DGPS
Joystick control of all thrusters & propellers
Power Management System
VRS

NOTICE: Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability of the Company's equipment. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. All optional equipment for Charterers' usage shall be agreed by the Company. Updated as at 18 July 2022.

### Deck Equipment

Bow Anchors	:	High Holding 2 x 1,590kg
Chains	:	440m x 38mm
Windlass	:	9.2T @ 12m/min
Deck Crane	:	1x 5Ton @ 14m

### Auxiliary Equipment

Rescue Zone	:	Port & Starboard Side
Oily Water Separator	:	1 x 1m <sup>3</sup> /hr MARPOL Standard
Water Maker	:	2 x 5T/day Reverse Osmosis
Sewage Treatment	:	1x 40 men per day

### Communication & Navigation Equipment

2 x SART
1 x NAVTEX
1 x EPIRB 2 x Radars ARPA
1 x Doppler Speed Log
2 x Master Gyro with 5 Repeaters
1 x Magnetic Compass
1 x GPS
1 x Echo Sounder
1 x Set of GMDSS (Area 3)
3 x VHF GMDSS
1 x Ship Security Alert System
1 x AIS

### Fire Fighting Equipment

<b>External</b>	:	
FIFI 1	:	2 x 1500 m <sup>3</sup> / hr pumps 2x 1200 m <sup>3</sup> / hr monitors
<b>Internal</b>	:	Emergency Fire Pump CO2 System in Engine Room Fire Detection & Alarm System Electrical BA Recharging Compressor

### Facilities

Hospital – 1x Bed
Recreation Room
Meeting Room for 10 pax
Client Office for 2 pax
Prayer Room

### Speed & Consumption

10 knots @ 11.8T / day
13 knots @ 13.3T / day

### Moon Pool

3.0m x 3.0m located near to midship
-------------------------------------

### Capacities

Fuel Oil	:	810 m <sup>3</sup> @ 100%
Potable Water	:	415 m <sup>3</sup> @ 100%
Clear Deck Area	:	490m <sup>2</sup>
Deck Strength	:	7.5 T/m <sup>2</sup>

### Discharge Rates

Fuel Oil	:	1 x 100 m <sup>3</sup> /hr @ 75 mhd
Potable Water	:	1 x 100 m <sup>3</sup> /hr @ 75 mhd

### Safety / Lifesaving Equipment

Search Lights	:	4 x 2000 W
Flood Lights	:	5 x 1000 W
Life Rafts	:	As per SOLAS Requirement
Lifebuoys	:	8 pcs w/ Buoy Lights
Life Jackets	:	48 Pcs
Immersion Suit	:	42 Pcs
Rescue Boat	:	As per SOLAS Requirement
Air Breathing App	:	6 Set Apparatus

### Geotechnical Survey Equipment

Please see separate list for full technical details